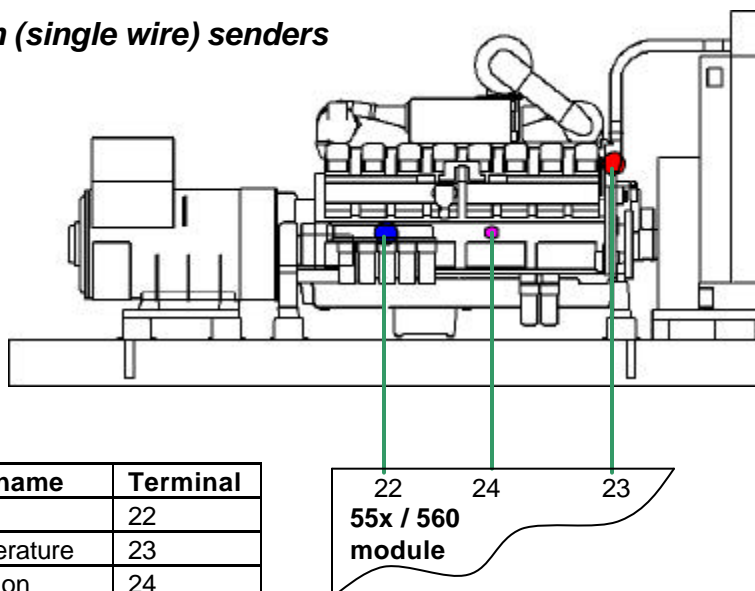


How to connect Earth return senders to 550 / 555 / 560 modules

DETAILS

The DSE 55x and 560 modules have the facility to measure actual engine oil pressure and coolant temperature from resistive analogue senders. These measurements can also be used to shutdown the set should they fall outside user configurable parameters. To ensure the accuracy of these measurements, the senders should be connected as detailed below.

Using Earth return (single wire) senders



Connection name	Terminal
Oil pressure	22
Coolant temperature	23
Sender common	24

NOTE:- . It is important that terminal 24 (sender common) is soundly connected to an earth point on the **ENGINE BLOCK**, not within the control panel, and must be a sound electrical connection to the sender bodies.

NOTE:- . If you use PTFE insulating tape on the sender thread when using earth return senders, ensure you do not insulate the entire thread as this will prevent the sender body from being earthed via the engine block.

Should you have any queries arising from this application note please contact our Technical Department as detailed below:-

INTERNATIONAL TEL: 44 (0) 1723 377566

INTERNATIONAL FAX: 44 (0) 1723 354453

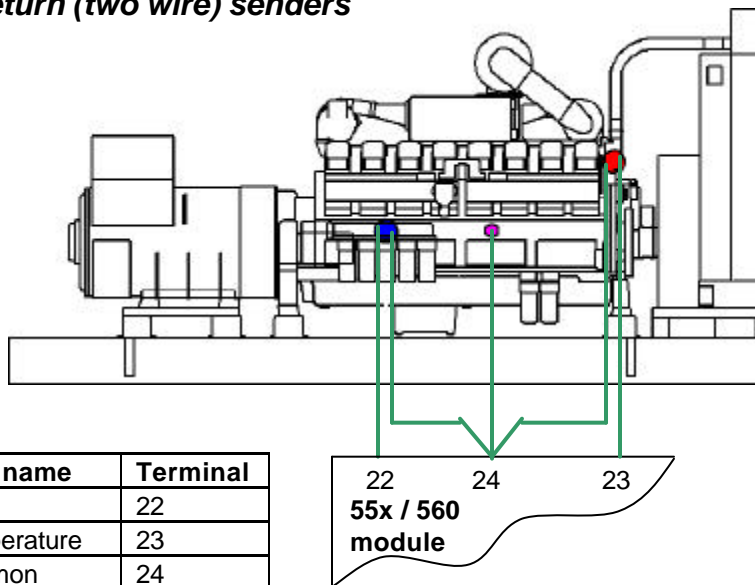
E-mail: Support@DeepSeaPlc.com

How to connect Insulated return senders to 550 / 555 / 560 modules

DETAILS

The DSE 55x and 560 modules have the facility to measure actual engine oil pressure and coolant temperature from resistive analogue senders. These measurements can also be used to shutdown the set should they fall outside user configurable parameters. To ensure the accuracy of these measurements, the senders should be connected as detailed below.

Using insulated return (two wire) senders



Connection name	Terminal
Oil pressure	22
Coolant temperature	23
Sender common	24

NOTE:- . It is important that terminal 24 (sender common) is soundly connected to an earth point on the ENGINE BLOCK, not within the control panel .

Should you have any queries arising from this application note please contact our Technical Department as detailed below:-

INTERNATIONAL TEL: 44 (0) 1723 377566

INTERNATIONAL FAX: 44 (0) 1723 354453

E-mail: Support@DeepSeaPlc.com